

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1 to 29. (Canceled)

30. (Currently Amended) A mixture for depositing an organosilicate film comprising a dielectric constant of 3.5 or below, the mixture comprising at least one structure-former precursor selected from the group consisting of an organosilane and an organosiloxane and a pore-former precursor that is distinct from the at least one structure-former precursor, wherein the pore-former precursor is selected from the group consisting of:

- i) a hydrocarbon compound having from 1 to 13 carbon atoms,
- ii) a decomposable polymer,
- iii) a polyoxyalkene, and
- iv) mixtures thereof,

wherein at least one precursor and/or the organosilicate film exhibits an absorbance in the 200 to 400 nm wavelength range.

31. (Currently Amended) A mixture for depositing an organosilicate film, the mixture comprising: from 5 to 95% by weight of a structure-former precursor selected from the group consisting of an organosilane and an organosiloxane and from 5 to 95% by weight of a pore-former precursor that is distinct from the at least one structure-former precursor, wherein the pore-former precursor is selected from the group consisting of:

- i) a hydrocarbon compound having from 1 to 13 carbon atoms,
- ii) a decomposable polymer,
- iii) polyoxyalkene, and
- iv) mixtures thereof,

wherein at least one of the precursors and/or the organosilicate film exhibits an absorbance in the 200 to 400 nm wavelength range.

32 to 37. (Canceled)

38. (Currently Amended) The mixture of claim 30 wherein the hydrocarbon is selected from the group consisting of alpha-terpinene, limonene, cyclohexane, gamma-terpinene, ~~camphene~~, dimethylhexadiene, ethylbenzene, norbornadiene, cyclopentene oxide, 1,2,4-trimethylcyclohexane, 1,5-dimethyl-1,5-cyclooctadiene, camphene, adamantane, 1,3-butadiene, substituted dienes, alpha-pinene, beta-pinene, and decahydronaphthelene.
39. (Previously Presented) The mixture of claim 30 wherein the decomposable polymer is decomposable by radiation.
40. (Previously Presented) The mixture of claim 39 wherein the decomposable polymer is a block copolymer.
41. (Previously Presented) The mixture of claim 40 wherein the block copolymer is selected from the group consisting of diblock, triblock, and multiblock copolymers, star block copolymers, radial diblock copolymers, graft diblock copolymers, cografted copolymers, dendrigraft copolymers, tapered block copolymers, and combinations thereof.
42. (Previously Presented) The mixture of claim 39 wherein the decomposable polymer is selected from the group consisting of hyper branched polymers and dendrimeric polymers.
43. (Currently Amended) The mixture of claim 31 wherein the hydrocarbon is selected from the group consisting of alpha-terpinene, limonene, cyclohexane, gamma-terpinene, ~~camphene~~, dimethylhexadiene, ethylbenzene, norbornadiene, cyclopentene oxide, 1,2,4-trimethylcyclohexane, 1,5-dimethyl-1,5-cyclooctadiene, camphene, adamantane, 1,3-butadiene, substituted dienes, alpha-pinene, beta-pinene, and decahydronaphthelene.
44. (Previously Presented) The mixture of claim 31 wherein the decomposable polymer is decomposable by radiation.
45. (Previously Presented) The mixture of claim 44 wherein the decomposable polymer is a block copolymer.

46. (Previously Presented) The mixture of claim 45 wherein the block copolymer is selected from the group consisting of diblock, triblock, and multiblock copolymers, star block copolymers, radial diblock copolymers, graft diblock copolymers, cografted copolymers, dendrigraft copolymers, tapered block copolymers, and combinations thereof.
47. (Previously Presented) The mixture of claim 45 wherein the decomposable polymer is selected from the group consisting of hyper branched polymers and dendrimeric polymers.